

## ABSTRACT

When communication is performed between a wireless LAN terminal (STA) (140) and a terminal (110) on an IP network (100), the wireless LAN terminal (140) sequentially  
5 establishes association with a plurality of wireless LAN base stations (130a to 130e), to perform a plurality of parallel communication via the wireless LAN base stations (130a to 130e) between the wireless LAN terminal (140) and the diversity device (120), and one of a plurality of  
10 parallel communication data received by the wireless LAN terminal (140) and the diversity device (120) is selected and output. Accordingly, even under bad wireless conditions and in the environment of long-distance transmissions, high-speed transmission can be realized and  
15 a low error rate can be ensured.